

FIELD REPLACEABLE UNIT DOCUMENTATION

Satellite™ 4200/4300 Series

HDD REMOVAL



M3x4 flat head screws

- 1 Remove **four M3x4 flat head screws** securing the **HDD bracket** to the drive

EXPANSION MEMORY REMOVAL



- 1 Turn the computer upside down
- 2 Remove **two M2x4 black screws** and remove the **memory cover**
- 3 Push the **memory clips** outward and pull the **memory module** out of the connector at a 30 degree angle

KEYBOARD REMOVAL



Keyboard holder

- 1 Open the display panel
- 2 Remove the **Keyboard holder** at the base of the keyboard



- 3 Remove **one M2x6 brass screw** and lift out the **keyboard metal brace**

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KEYBOARD REMOVAL



- 4 Lift out the **keyboard** and disconnect the **keyboard cable** from **P.J21** on the system board

MODEM REMOVAL



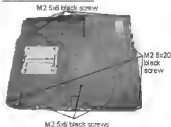
- 1 Remove **two M2x6 brass screws** securing the modem board
- 2 Lift up the **left side of the modem board** and remove it from the system board
- 3 Remove the **tape** and disconnect the **modem cable** from **P.J2** on the modem board

MODEM REMOVAL



- 4 Remove **RJ11 modem jack**

TOP COVER REMOVAL



- 1 Turn the computer upside down and remove the following eleven screws:
 - 3 **M2 5x20 black screws**
 - 8 **M2 5x6 black screws**

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TOP COVER REMOVAL



M2.5x20 black screws

- Turn the computer right side up and open the display panel.
- Disconnect the following two cables:
 - LCD/FL cable from PJ3
 - Speaker cable from PJ24
- Remove three M2.5x20 black screws securing the top cover.



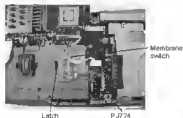
Display assembly

Volume control

Top cover

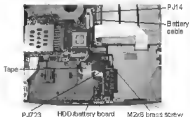
- Lift up the back and right side of the top cover about 1 in (arrow 1) to release the front latches.
- Push to the left (arrow 2) to clear the volume control dial and remove the top cover assembly.

MEMBRANE SWITCH REMOVAL



- Disconnect the membrane switch cable from PJ24 on the HDD/battery board.
- Release the latch securing the membrane switch.
- Lift out the membrane switch.

HDD AND BATTERY BOARD REMOVAL



- Remove tape securing the battery cable.
- Disconnect the battery cable from PJ23 on the HDD/battery board and from PJ14 on the system board.
- Remove one M2.5x5 brass screw securing the HDD/battery board.
- Lift out the HDD/battery board.

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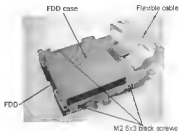
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FDD REMOVAL

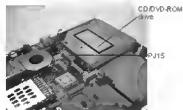


- 1 Disconnect the **FDD flexible cable** from **PJ10** on the system board
- 2 Remove **one M2.5x4 brass screw** securing the FDD.
- 3 Lift out the **FDD** with the **FDD case**

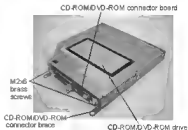


- 4 Remove **three M2.5x3 brass screws** securing the **FDD** to the **FDD case** and separate the FDD from the case
- 5 Disconnect the **flexible cable** from the FDD

CD-ROM/DVD ROM DRIVE REMOVAL



- 1 Lift up the **CD/DVD-ROM drive** to disconnect from **PJ15** on the system board



- 2 Remove **two M2x6 brass screws** securing the **CD-ROM/DVD-ROM connector board**
- 3 Separate the **CD-ROM/DVD-ROM connector board** and the **CD-ROM/DVD-ROM connector brace** from the **CD-ROM/DVD-ROM drive**

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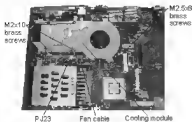
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COOLING MODULE REMOVAL



- 1 Disconnect the **fan cable** from **P J23** on the system board
- 2 Remove **three M2.5x6 brass screws** and **four M2x10 brass screws** securing the cooling module to the system board
- 3 Lift out the **cooling module**

CPU BOARD REMOVAL



- 1 Remove the **cool sheet** on top of the CPU

CPU BOARD REMOVAL



- 2 Rotate the CPU lock 180 degree clockwise to the **OPEN** position, and lift the CPU out of the socket

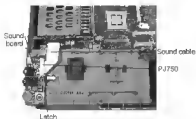
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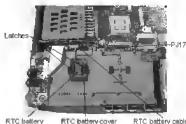
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SOUND BOARD REMOVAL



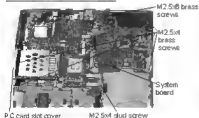
1. Disconnect the **sound cable** from **PJ750** on the sound board.
2. Release the **latch** securing the sound board.
3. Lift out the **sound board**.

RTC REMOVAL



1. Spread the **latches** securing the RTC battery cover, lift off the cover.
2. Disconnect the **RTC battery cable** from **PJ17** on the system board.
3. Lift the **RTC battery** out of the slot.

SYSTEM BOARD REMOVAL



1. Remove the following seven screws securing the system board and PC card slot cover:
 - 1 M2.5x4 slud screw
 - 5 M2.5x4 brass screws
 - 1 M2.5x8 brass screw
2. Lift out the **system board** from the base assembly.
3. Remove the **PC card slot cover**.

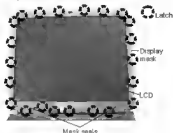
SPEAKERS REMOVAL



1. Remove two **M2x4 flat head screws** securing each speaker.
2. Remove the **tape** securing the speaker cables and lift out the **speakers**.

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14.1 TFT DISPLAY MASK REMOVAL



- 1 Remove **two mask seals** at the bottom corners of the display assembly.
- 2 Remove **two M2x5 brass screws**.
- 3 There are **22 latches** securing the **display mask** and the **LCD module** and pry open the latches starting from the **top six latches**, to the **five latches on the right and left sides**, ending with the **six bottom latches**.

FL INVERTER AND 14.1 TFT LCD REMOVAL



- 1 Remove **one M2x5 brass screw** securing FL inverter board.
- 2 Carefully lift up the FL inverter board and disconnect the FL inverter cable from CN1 and the HV cable from CN2.
- 3 Remove **four mask seals** to expose four screws securing the LCD module.
- 4 Remove **four M2x5 brass screws** securing the LCD module.
- 5 Carefully rotate the LCD module from right to left of the LCD cover.
- 6 Disconnect the LCD cable from the LCD module and remove the LCD from the computer.

